

PROJECTED WORKS.—Advertisements have been issued for tenders, by 10th April, for a parsonage-house at Abbots Bromley, Staffordshire; by 3rd, for the painting, repairs, and other works to four houses at Upper Clapton; by a date not specified, for altering three houses and putting in plate-glass fronts, in Holloway-road; by 10th April, for two cast-iron purifiers, with valves, sieves, &c., for the Bristol and Clifton Gas Company; by 4th, for the masons', carpenters', and iron work required in erecting gas works at Heckmond-wike; by 8th, for the removal of timber work at Deptford dockyard basin; by a date not specified, for the erection of St. John's Schools, Great Crosshall-street, Liverpool; by 15th April, for the erection of a new church at Edgehill, Liverpool; by 16th, for providing and laying about 3,000 lineal yards of stone kerbing at Birmingham; by same date, for making, forming, and culverting new streets at Birmingham; by 3rd, for 500 tons of Guernsey granite for Mile-end Old-town; and by 9th May, for works on the Great Northern Railway, from Helpstone to Corby, Hougham to Newark, and river Trent, near Newark, to Retford.

LIVERPOOL ARCHITECTURAL SOCIETY.—At the last fortnightly meeting of this society, Mr. Picton advocated the establishment of a public library for Liverpool, and was supported by various members, who afterwards spoke to the suggestion. Mr. R. Turner, of Dublin, was to have exhibited a model of his iron roof over the railway station, but failed to do so, as he had done once before, and the meeting naturally regarded such treatment as an insult to a respectable society. Mr. Frank Howard then offered some remarks on "The Seven Lamps of Architecture," by Mr. Ruskin, from whom he dissented, and the subject was adjourned for discussion.

SCULPTURE IN THE PEDIMENT OF ST. GEORGE'S HALL, LIVERPOOL.—Mr. Cockerell's design for the sculpture in the pediment of St. George's Hall has been carried out by Mr. G. Nicholl, under the superintendence of Mr. C. L. Eastlake, R.A., and is about to be opened to public view. The following is the official description of the design:—"Britannia, her spear in her right hand, offering the olive branch with her left, is seated on her island rock, the lion at her side, and the Mersey or the ocean at her feet. By her side is Mercury, bringing to her the four quarters of the globe; Asia first, with the cornucopia at her feet; America, behind Europe, with her sword of power in her right hand, raising Africa with her left; and, lastly, Africa, in posture of gratitude and humility, with her sons in her arms; the breaking of whose chains is the work of Britannia. Beyond is Bacchus, the panther, and the wine vase. The other foreign products are represented by two figures drawing to land their several cargoes. On the right of Britannia are the English arts and products advancing to meet the foreign Apollo. Science holds the torch and guides the car, and Agriculture is at his side. Behind are the plough, the spindle, and the beehive, the peasant and his child forming a group to represent the domesticity of England. Beyond is the metallurgy, the fabric of arms and machinery, which she knows so well how to use."

THE ELECTRIC LIGHT.—Messrs. Stait and Petrie's specification of patent for improvements in electric light, contains fifteen claims of novelty of invention, among which are improved hydro-barometers, with flexible enclosed capillary syphon, of wick, &c., and a counterbalance, for drawing fluids from cells at any required depth or level alone; protection of galvanic apparatus by a process of sulphur-coating; improvements in cells and fluids; a mode of fusing indium for electrodes, and an apparatus for shifting these as they waste away.

PROVIDENT INSTITUTION OF BUILDERS' FOREMEN.—We desire to recall attention to the fact that the anniversary dinner of this commendable institution is to be held on Wednesday next, (3rd April), when we hope to see a full attendance of all interested in its useful objects.

THE LIFE OF A LOCOMOTIVE is estimated at one hundred and fifty thousand miles; the value of a first-rate engine, 2,500*l*. It follows that every mile it runs costs just fourpence.

RAILWAY JOTTINGS.—The Britannia bridge, so far as completed, has been inspected by Captain Simmons, who instituted some important experiments which tested its structural strength, and the law of its deflection. The result is said to have been highly satisfactory. On Monday in last week the up mail express passed through for the first time, saving henceforth an hour's time. Other trains with traffic and passengers now regularly run through the tube. The cost of the whole structure it appears will be 674,000*l*, thence the original estimate. The Company are said to look to Parliament to bear a share of the burden, on the plea of public benefit. —The railway works between Claydon and Isip are in active progress. Nearly 100 men are engaged near Bicester.

ELECTRO-TELEGRAPHIC PROGRESS.—The *Franklin Journal* announces a patent in America by Mr. S. Morse, for marking and printing, by means of the "decomposing, colouring, and bleaching effects of electricity acting upon any known salts that leave a mark as the result of the said decomposition upon paper, cloth, metals, or other convenient and known marketable material."—It is said that some costly scientific experiments have of late been made by the Electric Telegraph Company here, which have induced the directors to institute an entirely new system of insulation, both for suspended wires and in tunnels.

THE NEW CHURCH AT ATHERSTONE, in the county of Warwick, was consecrated on Thursday, the 14th inst., by the Lord Bishop of Worcester. The church which formerly occupied a portion of the site was capable of containing about 800 persons, who were accommodated in square pews of the worst description, and in galleries of which there were three—one at the east, one at the west end, and one on the south side of the church. In the new building, sittings are provided for 1,250 persons, and the expense has been defrayed by public subscriptions, aided by grants of 500*l*. from the Lichfield Diocesan Society, and 300*l*. from the Incorporated Society for Promoting the Enlargement, Building, and Repairing of Churches and Chapels. The tower of the old building and a fine chancel to the east of it have not been removed: it is proposed to restore them, and to increase the height of the tower, as soon as sufficient funds can be raised for the purpose. Messrs. Wyatt and Brandon were the architects; Mr. R. Jennings, of Atherton, assisted in superintending the work; and Messrs. Broadbent and Hawley, of Leicester, were the contractors employed.

ST. PAUL'S CATHEDRAL.—In a recent number of your journal in reference to the admission tax at St. Paul's Cathedral, you ask "what the Society for obtaining free admission to public edifices is about." The great interest that you have long and zealously shown, and the constant and efficient efforts of *THE BUILDER* in this important subject, give your opinion great weight, and may induce the committee to recommence its exertions, and again batter the doors of the only edifices that utterly resisted the society's remonstrance, supported by the countenance of Royalty, and the recommendations of Government. The society advisedly ceased to agitate for a time, in the hope that the example of others, and the good conduct of the public, would shame the obdurate and contumacious into the improved general course, and to afford them the opportunity of meriting the thanks of mankind; but I agree with you that it is time for different proceedings to be commenced towards parties so insensible to the nation's wishes. As a member of the committee, I feel that it will soon be our duty to attend to your hint.—G. F.

TOMBSTONES IN SCOTLAND.—We are told that near Kinross, the lintels of a weaver's factory have been made from the tombstones of a neighbouring burial-ground; and upon the chimney-top of a house by the side of the Perth road may be read the inscription, "Here lies the body of Margaret" &c. &c.

FOR THE SCOTTISH NATIONAL GALLERY at Edinburgh, Sir W. G. Craig has obtained leave to bring in a bill.

STONE-HEAPS: COMPENSATION.—At Carlisle Assizes a widow has been awarded 300*l*. from the county bridge surveyor for the death of her husband, upset in a gig by a stone-heap on the high road.

STATE OF HEATHFIELD CHURCH.—In travelling through the villages of Sussex, I was much surprised to see the wretched condition of many of the churches, especially that of Heathfield. Many of the pews there have no other flooring but "mother earth," and the external ground being higher, in wet weather the water oozes in and emits a pestiferous odour. The roof of the aisle affords no protection from the weather. A large square-headed wooden window has been erected on the aisle roof; the rose windows in the clerestory blocked up, and three-light wooden frame windows inserted; a large Roman gallery graces the west end of the interior, and blocks up a charming arch of the second pointed period. The whole of the inside has been thickly covered with whitewash (columns and arches included). The spire is 18 inches from perpendicular, and is in a dangerous condition. The church is nearly deserted, its congregation being seldom more than thirty, though formerly six hundred. What can be done to preserve the building? Would an appeal to the rural dean be of any use?—CLIO.

NEW BUILDING IN BOSTON, U.S.—On the site of the "Old Liberty Tree" in Boston, a tree connected with the early history of America, a large block of Stores has been erected, with a representation of the tree in a panel on the front. The building is of brick, four stories in height, with a front of 90 feet on Washington-street and 77 on Essex-street, and covering about 9,000 feet of ground. It was built under the superintendence of Mr. Amos Cotting. In the second story is a hall 75 by 30 feet; in the third story another monster hall, 80 feet long, 40 wide, and about 30 from the floor to the ceiling,—with two large drawing-rooms, and a supper-room 75 by 30 feet, contiguous—calculated for the use of balls, levees, public dinners, &c. The fourth story also comprises two halls, one 75 by 30 feet, and the other 60 by 40, with convenient drawing-rooms, and the whole amply lighted from the roof.

TENDERS

Received for the new wings to be added to the North and East Ridings Pauper Lunatic Asylum at Clifton, near York. Architects, Mr. J. B. and Wm. Atkinson.

For the whole works.

Brown	25,875 0 0
Samuel Atack	4,835 10 0
Barrow	4,600 0 0
Pulleyn and Son	4,565 0 0
Wm. Deighton	4,330 0 0
Bakerly and Akroyd	4,245 0 0
Accepted tenders as subdivided	4,244 10 0

Masonry, brickwork, &c., by Noah Akroyd	23,693 0 0
Carpenters' and joiners' work, by Wm. Bakerly	419 0 0
Plastering and Whitewashing, by H. Knowlson	110 0 0
Plumbing, glazing, and spouting, &c., by R. Walker	385 0 0
Ironfounders' work, by John Walker	147 0 0
Painting, by Frank Moore	70 0 0
.....	4,244 10 0

Tenders for the Birmingham New Workhouse. Messrs. Drury and Bateman, architects, Birmingham. Opened, March 26th, 1850.

Hill, Wolverhampton	23,091 0 0
Peabody and Fleming, Birmingham	22,910 0 0
Webb, Birmingham	22,737 3 0
Barton, London	22,515 0 0
Davis, Birmingham	21,000 0 0
Hickman, Wolverhampton	21,834 0 0
Hartland, Wolverhampton	21,645 0 0
Creswell, Birmingham	21,611 19 7 1/2
Greenall, Erdington	21,150 0 0
Heritage, Warwick	20,934 1 0
Kirk and Parry, Sharnford, Leicestershire	20,600 0 0
Hardwick and Son, Birmingham	20,393 7 1/2
Hemmerow, Carlisle	20,280 0 0
Bryce, Birmingham	20,065 0 0
Branson and Gwyther, Birmingham	20,004 3 4
Trego, London	19,875 0 0
Sissons, Hull	19,500 0 0
Ferguson, Nottingham	20,000 0 0
Glenn, London (accepted)	24,970 0 0

For a House and Farm-buildings for the Rev. Wm. Chafy, D.D., Feltwell, Norfolk. Mr. Hannell, architect. Hutchinson, March

Mills and Son, Whitless	2,483 0 0
Smith and Co., St. Ives	2,457 0 0
Harriet and Co., Huntingdon (accepted)	2,315 0 0
For a house for J. Warner, Esq. Mr. Allen, architect, St. Ives.	
Oates, Cambridge	1,335 0 0
Bell, ditto	1,275 0 0
Banting, St. Ives	1,199 0 0
Mills and Son, Whitless	1,197 0 0
Harriet and Co., Huntingdon	1,195 0 0
Bennett and Son, Whitless (accepted)	1,117 0 0

MEETINGS OF SCIENTIFIC BODIES

To be held during the ensuing week.

TUESDAY, April 2.—Institution of Civil Engineers, 8 p.m.
FRIDAY, 4.—Architectural Association, 8 p.m.